Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 06 Feb 2021 until 23:59 on Sunday 07 Feb 2021

Forecast Issued on Friday 05 Feb 2021 at 12:08

Confidence: High for staying cold through the forecast period with periods of snow and strong easterly winds, but lower with regard to cloud and snow amounts

Headline for Saturday 06 Feb 2021: Cloudy and showery with snow on the tops and increasingly turning to snow at lower levels during the day.

Mountain weather hazards on Saturday 06 Feb 2021

Blizzards
Medium Likelihood

Heavy Snow
High Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
High Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Sleet	Sleet	Sleet	Heavy snow	Heavy snow	Heavy snow	Heavy snow
Precipitation probability							
80%	50%	30%	60%	40%	60%	70%	70%

Forecast for Saturday 06 Feb 2021

Weather: Cloudy and showery overnight with snow over Kinder Scout by the morning. Perhaps drier and brighter for a time in morning, but a mostly cloudy and showery day. Snow falling on the higher tops in morning but increasingly to low levels as day progresses, with blizzard conditions over the tops. Any drier and brighter interludes reserved for the west.

Chance of cloud free mountain/hill tops above 600m: Around 20%

Visibility: Lengthy periods of cloud down to 500 or 600m, but 400 m at times in east. Good visibility away from cloud, but falling to a few kilometres or less in showers and near nil in blizzards.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Saturday 06 Feb 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/20 E	13/19 E	14/20 E	17/24 E	20/30 E	23/33 NE	25/37 NE	29/43 E	28/43 E
300	10/18 E	8/14 E	10/16 E	10/18 E	15/25 E	18/28 NE	21/34 NE	24/40 NE	24/40 NE
Valley	8/18 E	8/17 E	9/20 E	10/22 E	15/30 E	17/34 E	18/37 NE	20/41 E	20/42 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-3	1/-4	1/-4	1/-5	0/-6	-1/-8	-2/-10	-3/-11	-3/-12
300	4/0	4/0	3/-1	3/-1	3/-2	1/-5	0/-6	-0/-8	-1/-8
Valley	4/2	4/1	4/0	3/-0	3/-2	2/-4	1/-5	0/-6	0/-7
Freezing Level*	1000m	900m	800m	800m	700m	500m	300m	200m	100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A severe chill should be expected especially on the higher tops, even with lighter winds in morning. Lying snow building up later, especially over eastern parts with icy conditions, bringing additional difficulties.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 05 Feb 2021	93.2mm	198.8mm	242.8mm

Forecast for Sunday 07 Feb 2021

Weather: Worst of the wintry conditions clearing overnight, then mostly cloudy, but some bright or sunny spells, though a scattering of snow showers is also likely, especially onto eastern slopes. Feeling very cold.

Maximum wind: East or northeast 20-25mph, but 30-35 gust 45mph over the tops, especially in showers.

Chance of cloud free mountain/hill tops above 600m: 70%

Visibility: Occasional cloud down to 600m, but 450m in any snow showers. Generally very good or excellent out of cloud, but some sun glare off lying snow.

Temperature: **Valleys:** Minus 1 C to plus 2 C
At 600m: Minus 4 or minus 5 C
Freezing level: 200m

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